

#4
2-15-01

Sheet 1 of 2

Form 1449*	Atty. Docket No.: 884.267US1	Serial No. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Kishore K. Chakravorty	
	Filing Date: Herewith	Group: Unknown 2821

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
--------------------	-----------------	------	------	-------	----------	----------------------------

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
--------------------	-----------------	------	---------	-------	----------	----------------------

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	Document
JD	Amev, D., et al., "Advances in MCM Ceramics", <u>Solid State Technology</u> , 143-146, (1997)
	Baniecki, J., et al., "Dielectric Relaxation of Ba0.7 Sr0.3 TiO3 Thin Films from 1 MHz to 20 GHz", <u>Appl. Phys. Letter</u> 72(4), 1998 American Institute of Physics, 198-500, (Jan. 1998)
	Chan, Y., et al., "Fabrication and Characterization of Multilayer Capacitors Buried in a Low Temperature Co-Fired Ceramic Substrate", <u>Active and Passive Elec. Comp. Vol. 20</u> , 215-224, (1998)
	Choi, K.L., et al., "Characterization of Embedded Passives Using Macromodels in LTCC Technology", <u>IEEE Transactions on Components, Packaging, and Manufacturing Technology, Vol. 21</u> , 258-268, (Aug. 1998)
	Eurskens, W., et al., "Design and Performance of UHF Band Inductors, Capacitors and Resonators Using LTCC Technology for Mobile Communication Systems", <u>1998 IEEE MTT-S Digest</u> , 1285-1288, (1998)
	Koschmieder, T., et al., "Ceramic Substrate Thickness, Test Board Thickness, and Part Spacing: A Screening Doe", <u>Proceedings of SMTA International Conference</u> , 6 pgs., (Sept. 1999)
	Mistler, R.E., "Tape Casting: Past, Present, Potential", <u>The American Ceramic Society Bulletin</u> , 82-86, (Oct. 1998)
	Nishimura, T., et al., "3.5 V Operation Driver-Amplifier MMIC Utilizing SrTiO3 Capacitors for 1.95 GHz Wide-Band CDMA Cellular Phones", <u>1998 IEEE MTT-S Digest</u> , 447-450, (1998)
JD	Rector, Jr., J., et al., "Integrated and Integral Passive Components: A Technology Roadmap", <u>1997 Electronic Components and Technology Conference</u> , 713-723, (1997)

10868 U.S. PTO
09/628705
07/31/00

Examiner Wendell	Date Considered 9-17-04
-------------------------	--------------------------------

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449*	Atty. Docket No.: 884.267US1	Serial No. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Kishore K. Chakravorty	
	Filing Date: Herewith	Group: Unknown 2841

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

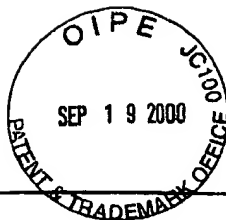
**Examiner
Initial

st	Scrantom, S., et al., "Manufacture of Embedded Integrated Passive Components into Low Temperature Co-Fired Ceramic Systems", <u>1998 International Symposium on Microelectronics</u> , 459-466, (1998)
	Sugai, K., et al., "Multilayer Alumina Substrates for ECU", <u>1998 IEEE/CPMT Berlin Int'l Electronics Manufacturing Technology Symposium</u> , 109-112, (1998)
	Tok, A.I., et al., "Tape Casting of Composite Ceramic Substrates Using Hollow Micro-Spherical Powders", <u>Processing and Fabrication of Advanced Materials VII</u> , Proceedings of a Symposium organized by: The Minerals, Metals & Materials Society (TMS), Warrendale, PA, USA, 451-461, (Oct. 1998)
	Ueda, T., et al., "GaAs MMIC Chip-sets for Mobile Communication Systems with On-chip Ferroelectric Capacitors", <u>Integrated Ferroelectrics, Vol. 7</u> , 45-60, (1995)
	Williamson, III, W., et al., "High Frequency Dielectric Properties of PLZT Thin Films", <u>Integrated Ferroelectrics, Vol. 17</u> , 197-203, (1997)
	Yamasaki, K., et al., "Solder Column Interposer Grid Array - Improved CBGA Reliability", 1-9,
m	Yao, K., et al., "Improved Preparation Procedure and Properties for a Multilayer Piezoelectric Thick-Film Actuator", <u>Sensors and Actuators A 71</u> , 139-143, (1998)

Examiner <i>Wenblu</i>	Date Considered 9-17-02
------------------------	-------------------------

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPSP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



#5
2-1501

Sheet 1 of 1

Form 1449*	Atty. Docket No.: 884.267US1	Serial No. 09/628,705
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Kishore K. Chakravorty	
	Filing Date: July 31, 2000	Group: Unknown 2841

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
						If Appropriate
JP	5,321,583	06/14/1994	McMahon, J.F.	361	770	12/02/92
JP	5,777,345	07/07/1998	Loder, W.G., et al.	257	777	01/03/96
JP	5,889,652	03/30/1999	Turturro, G.	361	705	04/21/97
JP	5,920,120	07/06/1999	Webb, J.S., et al.	257	719	12/19/97
JP	5,991,161	11/23/1999	Samaras, W.A., et al.	361	760	12/19/97
JP	6,088,915	07/18/2000	Turturro, G.	29	840	11/24/98
JP	6,097,609	08/01/2000	Kabadi, A.N.	361	760	12/30/98
JP	6,097,611	08/01/2000	Samaras, W.A., et al.	361	760	09/17/99

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**Examiner Initial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	9-17-04
-----------------------	---	---------

Examiner	Date Considered
----------	-----------------

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

Form 1449*

Atty. Docket No.: 884.267US1

Serial No. 09/628,705

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant: Kishore K. Chakravorty

Filing Date: July 31, 2000

Group: Unknown

2841

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>JP</i>	5,488,542	01/30/1996	Ito, K.	361	793	08/17/94
	5,870,289	02/09/1999	Tokuda, M., et al.	361	779	12/14/95
	6,072,690	06/06/2000	Farooq, M.S., et al.	361	321.2	01/15/98
<i>JB</i>	6,183,669	02/06/2001	Kubota, M., et al.	252	518.1	03/09/00
	6,218,729	04/17/2001	Zavrel, Jr., R.J., et al	257	698	03/11/99

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
-----------------------	-----------------	------	---------	-------	----------	-------------------------

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

9-7-04

Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

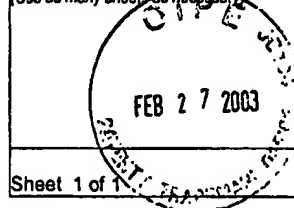
**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/628705
Filing Date	July 31, 2000
First Named Inventor	Chakravorty, Kishore
Group Art Unit	2841
Examiner Name	Unknown T. Dinh

Sheet 1 of 1

Attorney Docket No: 884.267US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
TD	US-4,926,241	05/15/1990	Carey, D. H.	357	75	02/19/1988
	US-5,060,116	10/22/1991	Grobman, W. D., et al	361	474	04/20/1990
	US-5,177,594	01/05/1993	Chance, D. A., et al	257	678	12/13/1991
	US-5,177,670	01/05/1993	Shinohara, H., et al	361	388	02/07/1992
	US-5,281,151	01/25/1994	Arima, H., et al	439	68	06/23/1992
	US-5,354,955	10/11/1994	Gregor, L. V., et al	174	250	12/02/1992
	US-5,469,324	11/21/1995	Henderson, W. R., et al	361	301.2	10/07/1994
	US-5,639,989	06/17/1997	Higgins, III, L. M.	174	35 MS	04/19/1994
	US-5,691,568	11/25/1997	Chou, T., et al	257	691	05/31/1996
	US-5,714,801	02/03/1998	Yano, K., et al	257	691	03/29/1996
	US-5,818,699	10/06/1998	Fukuoka, Y.	361	760	07/03/1996
	US-5,840,382	11/24/1998	Nishide, M., et al	428	209	07/17/1997
	US-5,870,274	02/09/1999	Lucas, G. L.	361	311	06/23/1997
	US-5,929,510	07/27/1999	Geller, B. D., et al	257	635	10/30/1997
	US-5,939,782	08/17/1999	Malladi, D.	257	698	03/03/1998
	US-5,949,654	09/07/1999	Fukuoka, Yoshitaka	361	760	01/20/1998
	US-6,104,599	08/15/2000	Ahiko, T., et al	361	306.3	03/19/1998
	US-6,252,761	06/26/2001	Branchavsky, Shaul	361	321.2	09/15/1999
TD	US-6,452,776	09/17/2002	Chakravorty, Kishore	361	303	04/06/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
TD	EP-0359513	03/21/1990	Suzuki, H., et al	H01L	23/04	
	JP-07-142867	06/02/1995	Harufumi, B.	H05K	3/46	
	JP-08-172274	07/02/1996	Koji, T.	H05K	3/46	
TD	WO-01/00573	01/04/2001	Brendel, J., et al	G07	34/10	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
--------------------	----------------------	---	----------------

EXAMINER

DATE CONSIDERED

9-17-04

Substitute Disclosure Statement Form (PTO-1449)

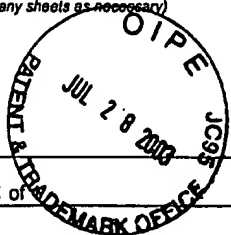
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of



Complete if Known

Application Number	09/628705
Filing Date	July 31, 2000
First Named Inventor	Chakravorty, Kishore
Group Art Unit	2827 2841
Examiner Name	Dinh, Tuan

Attorney Docket No: 884.267US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
TD	US-4,567,542	01/28/1986	Shimada, Yuzo, et al.	361	321	04/23/1984
	US-5,027,253	06/25/1991	Lauffer, John M., et al.	361	321	04/09/1990
	US-5,377,139	12/27/1994	Lage, Craig S., et al.	365	154	12/11/1992
	US-5,745,335	04/28/1998	Watt, Michael M.	361	313	06/27/1996
	US-5,786,630	07/28/1998	Bhansali, A., et al.	257	697	08/07/1996
	US-5,796,587	08/18/1998	Lauffer, John M., et al.	361	763	06/12/1996
TD	US-6,061,228	05/09/2000	Palmer, Edward G., et al.	361	306.2	04/28/1998
	US-6,075,427	06/13/2000	Tai, King L., et al.	333	219	01/23/1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
TD	EP-0656658	06/07/1995	McAllister, M. F., et al.	H01L	25/066	
	WO-00/21133	04/13/2000	Kling, Dennis, et al.	H01L	23/538	
	WO-97/50123	12/31/1997	Bhansali, Ameet	H01L	23/053	
TD	WO-98/39784	09/11/1998	Torney, Ellen S., et al.	H01G	4/06	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
--------------------	----------------------	---	----------------

EXAMINER

DATE CONSIDERED

9-17-04

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE**STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/628705
Filing Date	July 31, 2000
First Named Inventor	Chakravorty, Kishore
Group Art Unit	2827 28A1
Examiner Name	Dinh, Tuan

Sheet 1 of 1

Attorney Docket No: 884.267US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
TD	US-5,736,448	04/07/1998	Saia, R. J., et al.	438	393	12/04/1995
	US-6,532,143	03/11/2003	Figueroa, D G., et al.	361	301.4	12/29/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
TD	JP-10-163447	06/19/1998	Katou, Yoshitake, et al.	H01L	27/108-	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
--------------------	----------------------	---	----------------

EXAMINER

Tuan Dinh

DATE CONSIDERED

9-17-04